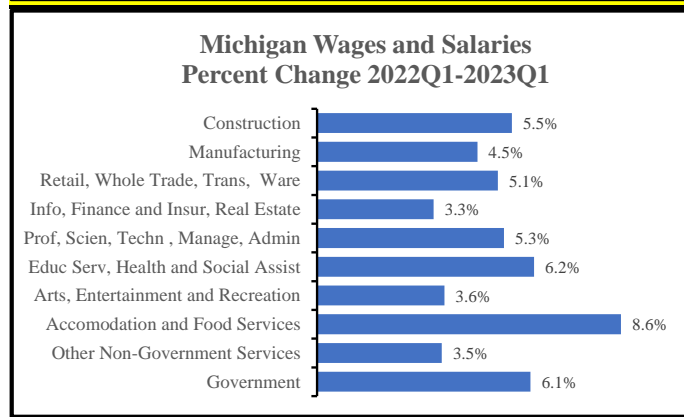
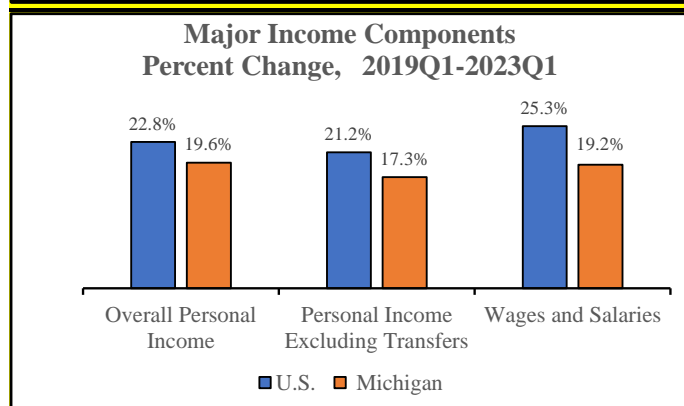
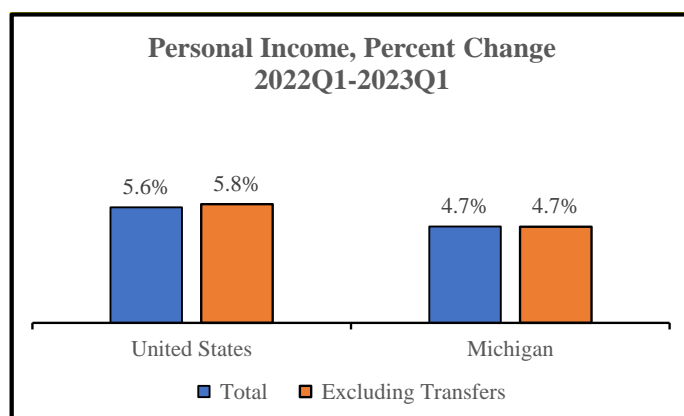




State Personal Income Data Release

On June 30, 2023, the Bureau of Economic Analysis released 2023Q1 state personal income data. Below are some highlights of that release ^(c):



Total Personal Income

Between 2022Q1 and 2023Q1:

- Michigan personal income increased 4.7 percent while national personal income rose 5.6 percent
- Annualized Michigan personal income rose from \$560.3 billion to \$586.5 billion -- a \$26.2 billion increase.
- Total personal income excluding transfer payments rose 4.7 percent in Michigan and increased 5.8 percent nationally.

Personal Income Growth Since 2019Q1

- Over the last four years, personal income has increased 19.6 percent in Michigan and 22.8 percent across the nation.
- Between 2019Q1 and 2023Q1, personal income excluding transfers has risen 17.3 percent in Michigan and 21.2 percent nationally.
- In Michigan, wages and salaries have increased 19.2 percent over the past four years in Michigan and 25.3 percent in the U.S.

Wages and Salaries

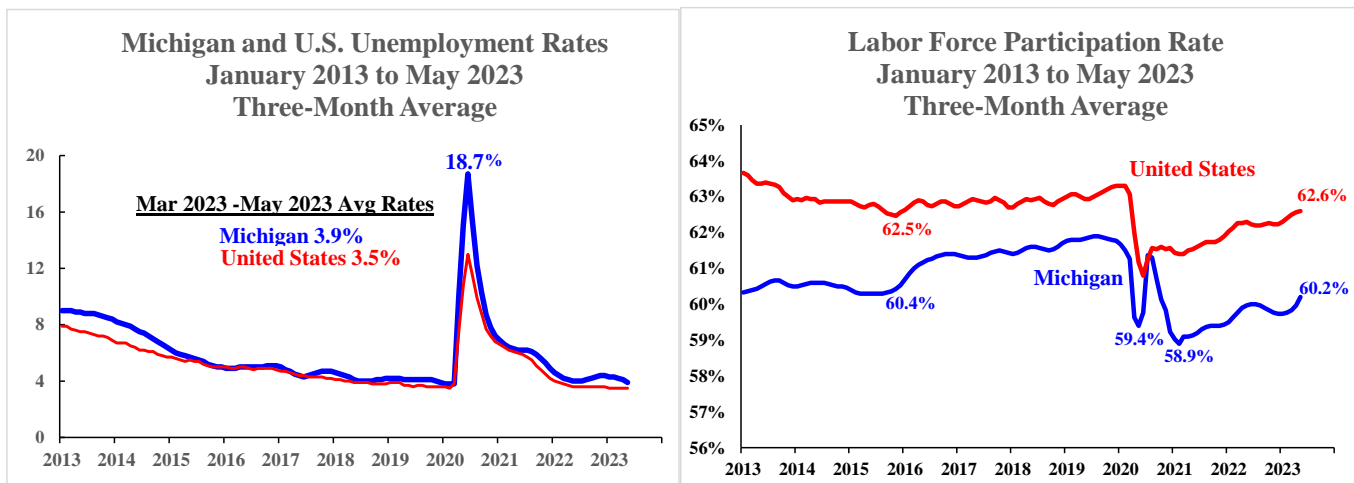
- Between 2022Q1 and 2023Q1, total wages and salaries rose 5.2 percent in Michigan.
- The accomodation and food service sector saw the largest sector increase in Michigan (8.6 percent), followed by education, health and social assistance (6.2 percent).
- Government saw the third largest y-o-y increase (6.1 percent), followed by construction (5.5 percent).

May 2023 Summary

Unemployment Rate Estimates

Page 2

- The monthly Michigan unemployment rate estimate fell to 3.7 percent in May. The three-month average of the Michigan unemployment rate was 3.9 percent for May. Compared to last May, the three-month average was down 0.1 of a percentage point. Compared to the pre-pandemic February 2020 rate, the current average is up 0.1 of a percentage point.
- The average number of people employed in Michigan between March 2023-May 2023 was 69,600 lower than the number employed in February 2020. Compared to the three-month average of people employed between March 2022-May 2022, the current three-month average is up 35,000 people. The March 2023-May 2023 average of people unemployed is 1,100 people higher than the number of unemployed in February 2020.
- The U.S. unemployment rate rose to 3.7 percent in May. May's national jobless rate is 0.1 of a percentage point higher than the May 2022 rate (3.6 percent) and is 0.2 percentage point higher than the February 2020 rate (3.5 percent).
- Both the Michigan and U.S. labor force participation rates, while rising from earlier troughs, remain significantly lower than their pre-pandemic participation rates.



Employment by Place of Residence (in Thousands)^(a)

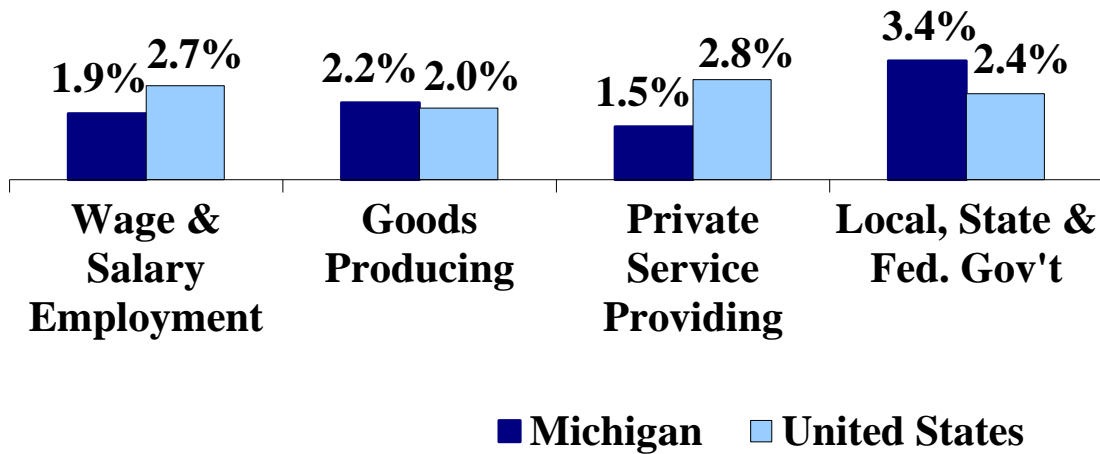
	Annual	Mar	Apr	May	Chg Fr	Chg Fr	Chg Fr	Chg Fr	Three
	2022	2023	2023	2023	Mo Ago	Mo Ago	Yr Ago	Yr Ago	Month
					Level	%	Level	%	Average
Michigan									
Labor Force	4,836	4,851	4,869	4,895	26	0.5%	48	1.0%	4,872
Employed	4,633	4,652	4,683	4,716	33	0.7%	61	1.3%	4,684
Unemployed	203	200	186	179	-7	-3.8%	-13	-6.7%	188
Unemployment Rate	4.2%	4.1%	3.8%	3.7%	n.a.	-0.1% pts	n.a.	-0.3% pts	3.9%
United States									
Labor Force	164,287	166,731	166,688	166,818	130	0.1%	2,540	1.5%	166,746
Employed	164,287	160,892	161,031	160,721	-310	-0.2%	2,422	1.5%	160,881
Unemployed	5,996	5,839	5,657	6,097	440	7.8%	118	2.0%	5,864
Unemployment Rate	3.6%	3.5%	3.4%	3.7%	n.a.	0.3% pts	n.a.	0.1% pts	3.5%

Employment by Place of Work (Payroll)

Page 3

- Compared to May 2022, Michigan payroll employment was up by 82,100 jobs (1.9 percent). State payroll employment rose by 14,500 jobs in May 2023 from April 2023. Nationally, May 2023 payroll employment was up by 4.1 million jobs (2.7 percent) from a year ago. National employment rose 339,000 jobs in May.

Payroll Employment Growth



- In the goods-producing sector, Michigan payroll employment increased 2.2 percent in May from a year ago; employment in the private service-providing sector rose 1.5 percent. From a year ago, May national payroll employment rose 2.0 percent in the goods-producing sector and increased 2.8 percent in the private service-providing sector.
- At 41.0 hours, manufacturing weekly hours in Michigan were down 1.6 hours from last year.

Wage and Salary (Payroll) Employment (in thousands)^(b)

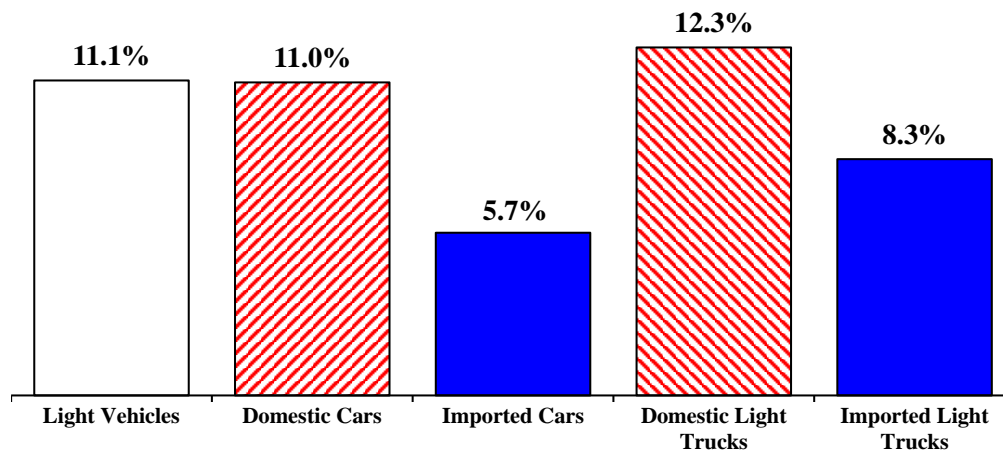
	2022 <u>Annual</u>	MI May <u>2022</u>	MI May <u>2023</u>	Percent <u>Change</u>	2022 <u>Annual</u>	US May <u>2022</u>	US May <u>2023</u>	Percent <u>Change</u>
Wage & Salary Employment	4,362.2	4,358.0	4,440.1	1.9%	152,575	152,042	156,105	2.7%
Goods Producing	794.3	791.0	808.3	2.2%	21,178	21,125	21,555	2.0%
Manufacturing	603.2	600.2	609.5	1.5%	12,825	12,789	12,984	1.5%
Private Service Providing	2,978.2	2,980.2	3,025.2	1.5%	109,226	108,795	111,888	2.8%
Trade, Trans. & Utilities	804.0	805.1	813.4	1.0%	28,643	28,634	28,921	1.0%
Services	1,885.8	1,884.7	1,926.5	2.2%	68,465	68,054	70,753	4.0%
Local, State & Fed. Gov't	589.8	586.8	606.6	3.4%	22,171	22,122	22,662	2.4%
Manufacturing Weekly Hours	42.1	42.6	41.0	-1.6 hrs	41.0	41.2	40.7	-0.5 hrs

Motor Vehicle Sales Up From Last Year

Page 4

- The U.S. light vehicle annualized sales rate fell from 16.1 million units to 15.0 million units between April and May. However, compared to a year ago, May 2023 sales were up 19.6 percent.
- U.S. sales of domestic light vehicles rose 19.9 percent from last May while foreign sales increased 18.5 percent. In May 2023, at 20.2 percent, the foreign share of U.S. light vehicle sales was down 0.2 of a percentage point from a year earlier.
- Auto sales were up 19.9 percent from last May, while light truck sales increased 19.5 percent from May 2022. Year-over-year, heavy truck sales were up 20.2 percent from last May.
- Motor vehicle and parts dealer inventories were up 26.2 percent from last April.

Year-to-Date Vehicle Sales Up From A Year Ago



Motor Vehicle Sales Statistics

(Millions, Seasonally Adjusted Rates, unless otherwise specified)

	<u>2022</u> <u>Total</u>	<u>Mar</u> <u>2023</u>	<u>Apr</u> <u>2023</u>	<u>May</u> <u>2023</u>	<u>3 Month</u> <u>Average</u>	<u>May</u> <u>Chg fr</u> <u>Yr Ago</u> <u>Level</u>	<u>May</u> <u>Chg fr</u> <u>Yr Ago</u> <u>%</u>
Autos	3.4	3.0	3.3	3.1	3.1	0.5	19.9%
Domestics	2.4	2.2	2.4	2.3	2.3	0.5	27.7%
Imports	1.0	0.8	0.9	0.8	0.8	0.0	2.2%
Import Share	29.1%	26.0%	27.0%	26.2%	26.4%	-4.5% pts	
Light Trucks	11.6	11.9	12.8	11.9	12.2	1.9	19.5%
Domestics	9.0	9.7	10.4	9.7	9.9	1.5	18.2%
Imports	2.6	2.2	2.5	2.2	2.3	0.5	25.8%
Import Share	22.3%	18.8%	19.2%	18.6%	18.9%	0.9% pts	
Total Light Vehicles	14.9	14.9	16.1	15.0	15.4	2.5	19.6%
Heavy Trucks	0.5	0.5	0.5	0.6	0.5	0.1	20.2%
Total Vehicles	15.4	15.4	16.6	15.6	15.9	2.6	19.6%

Retail Inventories, Motor Vehicle and Parts Dealers (billions of dollars) ^(d)

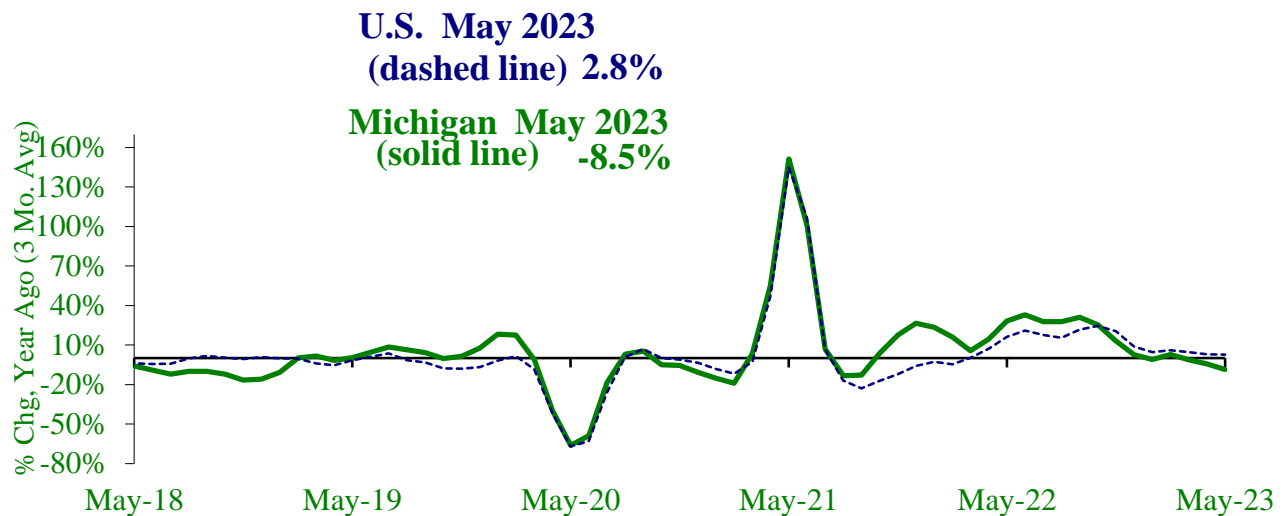
	<u>2022</u> <u>Average</u>	<u>Feb-23</u>	<u>Mar-23</u>	<u>Apr-23</u>	<u>3 Month</u> <u>Average</u>	<u>Chg fr</u> <u>Year Ago</u> <u>Level</u>	<u>Chg fr</u> <u>Year Ago</u> <u>%</u>
Inventories	\$182.2	\$205.8	\$208.7	\$210.6	\$208.4	\$43.7	26.2%
Inventory/Sales Ratio	1.43	1.57	1.61	1.62	1.60	0.34	

Michigan Vehicle Production Down from Year Ago

Page 5

- Michigan vehicle production was down 4.7 percent from May 2022 while national vehicle production was up 11.8 percent from last May. In May 2023, Michigan vehicle production totaled 182,917 units.
- In May 2023, auto production fell 28.5 percent year-over-year (y-o-y) in Michigan but was up 11.2 percent nationally; truck production decreased 2.5 percent in Michigan but was up 11.9 percent nationally.
- Comparing the three-month average of vehicle production in March 2023-May 2023 to production in March 2022-May 2022, Michigan's average production was down 8.5 percent while average production increased 2.8 percent nationally.

Three-Month Average of Michigan Vehicle Production Down Slightly from Year Ago in May



Motor Vehicle Production Statistics

(Thousands, unless otherwise specified)

	2022 Monthly Average	Mar 2023	Apr 2023	May 2023	3 Month Average	May Level Chg fr Yr Ago	May % Chg fr Yr Ago
U.S. Production ^(e)							
Autos	151.1	167.8	154.2	166.4	162.8	16.7	11.2%
Trucks	699.8	793.6	687.7	789.9	757.1	84.1	11.9%
Total	850.9	961.3	841.9	956.3	919.8	100.9	11.8%
Michigan Production ^(f)							
Autos	15.0	19.4	10.5	11.7	13.9	(4.7)	-28.5%
Trucks	165.5	168.8	147.6	171.2	162.5	(4.4)	-2.5%
Total	180.6	188.3	158.1	182.9	176.4	(9.1)	-4.7%
Michigan as % of U.S.	21.2%	19.6%	18.8%	19.1%	19.2%	-3.3% pts	

U.S. Economic Conditions

Page 6

	<u>Feb-23</u>	<u>Mar-23</u>	<u>Apr-23</u>	<u>May-23</u>	<u>Change from Year Ago</u>
KEY ECONOMIC INDICATORS					
Consumer Sentiment ^(h)	67.0	62.0	63.5	59.2	0.8 points
ISM Manufacturing Index ⁽ⁱ⁾	47.7	46.3	47.1	46.9	-9.2 points
ISM Non Manufacturing Index ⁽ⁱ⁾	55.1	51.2	51.9	50.3	-6.1 points
INFLATION ^(k)					
1982-84 = 100 (CPI)	<u>Feb-23</u>	<u>Mar-23</u>	<u>Apr-23</u>	<u>May-23</u>	<u>Change from Year Ago</u>
Nov 2009 = 100 (PPI)					
U.S. Consumer Price Index	300.8	301.8	303.4	304.1	4.0%
Detroit CPI	276.7	NA	282.5	NA	10.5%
U.S. Producer Price Index	140.9	141.0	141.3	140.9	1.1%
INTEREST RATES					
90 Day T-Bill ^(l)	4.65%	4.69%	4.92%	5.14%	4.16% points
10 Year Treasury Securities ^(l)	3.75%	3.66%	3.46%	3.57%	0.67% points
INDUSTRIAL PRODUCTION ^(l)	102.5	102.7	103.2	103.0	0.2%
CAPACITY UTILIZATION ^(l)	79.5%	79.5%	79.8%	79.6%	-1.0% points
RETAIL SALES ^(d)	\$687.9	\$681.7	\$684.2	\$686.6	1.6%
HOUSING STARTS and SALES					
(Millions Annual Rate)	<u>Feb-23</u>	<u>Mar-23</u>	<u>Apr-23</u>	<u>May-23</u>	<u>% Change From Year Ago</u>
Housing Starts ^(d)	1.436	1.380	1.340	1.631	5.7%
Existing Home Sales ^(m)	4.550	4.430	4.290	4.300	-20.4%
DURABLE GOODS ORDERS ^(d)	\$270.8	\$279.8	\$283.2	\$288.2	5.4%
PERSONAL INCOME ^(c)					
(Billions, Seasonally Adj & Annualized)	<u>2022.3</u>	<u>2022.4</u>	<u>2022.4</u>	<u>2023.1</u>	<u>% Change From Year Ago</u>
Michigan	\$573.4	\$574.4	\$574.4	\$586.5	4.7%
U.S.	\$21,964.6	\$22,234.4	\$22,234.4	\$22,512.5	5.6%
GROSS DOMESTIC PRODUCT ^(c)					
(Billions of Chained 2012 Dollars, Seasonally Adj & Annualized)	<u>2022.2</u>	<u>2022.3</u>	<u>2022.4</u>	<u>2023.1</u>	<u>Annualized % Chg From Last Qtr</u>
	\$19,895.3	\$20,054.7	\$20,182.5	\$20,282.8	2.0%

- (a) Seasonally adjusted. Sources: Bureau of Labor Statistics, U.S. Department of Labor and Michigan Department of Technology, Management and Budget.
- (b) Bureau of Labor Statistics, U.S. Department of Labor (BLS 790).
- (c) Bureau of Economic Analysis, U.S. Department of Commerce.
- (d) Bureau of the Census, U.S. Department of Commerce. Seasonally adjusted.
- (e) Automotive News.
- (f) Michigan Department of Treasury.
- (g) Michigan Department of Technology, Management and Budget.
- (h) University of Michigan Survey of Consumers.
- (i) Institute for Supply Management (ISM), formerly NAPM.
- (j) The Conference Board.
- (k) Bureau of Labor Statistics, U.S. Department of Labor.
- (l) Seasonally adjusted rates (except interest rates). Federal Reserve System Board of Governors. 2012 equals 100. Treasury bill rate (secondary market).
- (m) National Association of Realtors.